

U.S. Serial No. 10/822,046

Docket No. 1232-5376

Amendments to the Specification**Please amend the paragraph on page 16, lines 12 thru 27 as follows:**

Under this condition, the degas flow Q_1 from a wall of the second chamber 2 is measured while the gate valve 12 is closed. An opening diameter of the orifice 4 between the second and third chambers 2 and 3 was set to 5 mm, and the third chamber 3 was exhausted by the pump 6 with a volume exhaust speed of 300 L / s to create a difference in pressure between the second and third chambers 2 and 3. As a result, in the equilibrium state, the vacuum gauge 5A attached to the second chamber 2 indicated a pressure of about $1\text{E}-2$ Pa, and the vacuum gauge 5B attached to the ~~second~~ third chamber 3 indicated a pressure of about $5\text{E}-4$ Pa. The inflow Q_1 from the second chamber 2 to the third chamber 3 is calculated as $Q_1 = 2.2\text{E} - 5$ (Pa m^3 / s) using the measurement value and the opening diameter of the orifice 4.